RIM Releases Enhanced Java and Web Development Tools

Updated Plug-ins and SDKs Make It Even Easier to Create Feature-Rich Applications on the BlackBerry Platform

Waterloo, ON - Research In Motion (RIM) (NASDAQ: RIMM; TSX: RIM) today released updated Java and Web-based development tools for the BlackBerry® platform. The BlackBerry® Java Plug-In for Eclipse v1.1 and the BlackBerry® Web Plug-in v2.0 offer new capabilities that make it even easier to create feature-rich applications. The BlackBerry® Widget SDK (Software Development Kit) v1.0 and the BlackBerry® Java SDK v5.0, which includes more than 20,000 APIs, provide unparalleled access to BlackBerry® smartphone hardware features, native BlackBerry software applications and other unique system capabilities of the BlackBerry Application Platform.

Using the new tools developers can quickly and easily build web-based BlackBerry Widgets or Java applications that leverage the unique benefits of the BlackBerry Application Platform to seamlessly share information across and interact with core BlackBerry applications or other third party applications. These are personalized and contextualized applications that can integrate with a BlackBerry smartphone's inbox, calendar, address book and other native BlackBerry applications to deliver a highly engaging user experience.

"The BlackBerry Application Platform continues to evolve tremendously and the new tool enhancements make developing applications for BlackBerry smartphones easier and faster than ever," said Alan Brenner, Senior Vice President, BlackBerry Platform at Research In Motion. "We believe these enhanced tools will spur a new level of creativity and innovation as developers find new ways to leverage the unique power and integrated nature of the BlackBerry platform in order to bring useful, intelligent applications to the millions of BlackBerry smartphone users around the world."

BlackBerry Java Plug-In for Eclipse v1.1

- Enables Java developers to leverage a familiar open source development environment (Eclipse 3.5) to create, debug, profile and simulate their applications using a wide selection of BlackBerry smartphone simulators, actual devices and multiple versions of the BlackBerry® OS
- Improved productivity features include the ability to instantly load and immediately run a modified application being debugged without having to reset the simulator or device, providing tremendous time savings

For more information on the Java Plug-in v1.1, visit www.blackberry.com/developers/java11

BlackBerry Web Plug-In v2.0

- BlackBerry Web Plug-ins are now available for both Eclipse and Microsoft Visual Studio
- Enables developers to easily create web applications (includes BlackBerry Widgets) and web content using standard web technology and programming languages (e.g., HTML, CSS, JavaScript, and AJAX)
- Enables JavaScript access to core BlackBerry Java API's.
- New features in the latest 2.0 release include BlackBerry Widget debugging and profiling, support for Eclipse 3.5, and simulator "hot swap" to greatly reduce the time required to test and debug between iterations

For more information on the BlackBerry Web Plug-In v 2.0, visit <u>www.blackberry.com/developers/web20</u>

BlackBerry Java SDK v5.0

- OpenGL ES support for 3D graphics, touch-screen, and accelerometer enables visually stunning interactive 3D games*
- Rich multimedia audio and video support, Media Play features, camera zoom and focus, and embedded video capture and audio/video streaming support
- New pre-built UI components (e.g., spin-box fields, file pickers, and screen transitions) enable advanced graphics and built-in animation and increased developer productivity.
- SQLite support for data sharing across different applications, as well as Gears JavaScript® API for persistent database storage.
- Location Based Services APIs enable cell-site geolocation, GPS, geocoding and reverse geocoding to obtain address and location information

For more information on the Java SDK v5.0, visit www.blackberry.com/developers/java50

BlackBerry Widget SDK v1.0

- Allows third-party applications to access the calendar, contacts, camera, maps, messaging, browser, files, location via cell-tower or GPS, and receive BlackBerry push content via BlackBerry Widget APIs
- Includes navigation support for touch-screen handsets and screen transition and image transition support for BlackBerry Widgets startup and shutdown
- Location-Based Services and SQLite / Google Gears enabled persistent data storage is also available for BlackBerry Widgets.
- The widget architecture allows for extensibility by letting a third party developer develop their own JavaScript extensions, for use and distribution within a BlackBerry Widget.

For more information about the BlackBerry Widget SDK, visit www.blackberry.com/developers/widgets

To learn more about the range of products and services available to the BlackBerry developer community, please visit<u>www.blackberry.com/developers</u>.

*The BlackBerry® Storm2[™] and the BlackBerry® Curve[™] 8530 smartphones currently support Open GL.

About Research In Motion (RIM)

Research In Motion is a leading designer, manufacturer and marketer of innovative wireless solutions for the worldwide mobile communications market. Through the development of integrated hardware, software and services that support multiple wireless network standards, RIM provides platforms and solutions for seamless access to time-sensitive information including email, phone, SMS messaging, Internet and intranet-based applications. RIM technology also enables a broad array of third party developers and manufacturers to enhance their products and services with wireless connectivity to data. RIM's portfolio of award-winning products, services and embedded technologies are used by thousands of organizations around the world and include the BlackBerry® wireless platform, the RIM Wireless Handheld[™] product line, software development tools, radio-modems and software/hardware licensing agreements. Founded in 1984 and based in Waterloo, Ontario, RIM operates offices in North America, Europe and Asia Pacific. RIM is listed on the NASDAQ Stock Market (NASDAQ: RIMM) and the Toronto Stock Exchange (TSX: RIM). For more information, visit www.rim.com or www.blackberry.com.

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